

10/532

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Holly PRENTICE Appl. No.: 10/532,197 (U.S. National Phase of PCT/US2003/033433) Int'l. Filing Date: October 22, 2003 For: <b>High Expression Locus Vector Based on Ferritin Heavy Chain Gene Locus</b>	Confirmation No.: To be assigned Art Unit: To be assigned Examiner: To be assigned Atty. Docket: 2159.0580001/EKS/ELE
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**Information Disclosure Statement  
Filing Under 37 C.F.R. § 1.97(b)**

*Mail Stop Amendment*

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO/SB/08A and Form PTO/SB/08B are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. Copies of documents FP1 and NPL1-NPL13 are submitted.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicant has listed publication dates on the attached Form PTO/SB/08A and Form PTO/SB/08B based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicant reserves the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

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Holly Prentice  
Appl. No. 10/532,197

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return copies of the enclosed Form PTO/SB/08A and Form PTO/SB/08B, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



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Date: October 18, 2005

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Substitute for form 1449/PTO				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				Application Number	10/532,197 (U.S. National Phase of PCT/US2003/033433)
				Filing Date	Int'l Filing Date: October 22, 2003
				First Named Inventor	Holly Prentice
				Art Unit	To Be Assigned
				Examiner Name	To Be Assigned
Sheet	1	of	1	Attorney Docket Number	2159 0580001/EKS/ELE

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

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Sheet 1 of 1

**Complete if Known**

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<b>Art Unit</b>	<i>To Be Assigned</i>
<b>Examiner Name</b>	<i>To Be Assigned</i>

## U.S. PATENT DOCUMENTS

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**FOREIGN PATENT DOCUMENTS**

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FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>2</sup> Number <sup>3</sup> Kind Code <sup>4</sup> (if known)			
/D.G./	FP1	WO 04/037982 A2	05/06/2004	Biogen, Inc. and Prentice	T6

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Examiner Signature	/David Guzo/	Date Considered	03/29/2008
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. FSS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet	1	of	2	Attorney Docket Number	2159.0580001/EKS/ELE

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published	T <sup>2</sup>
/D.G./	NPL1	Guo, J.-H., et al., "Expression and Loading of Recombinant Heavy and Light Chain Homopolymers of Rat Liver Ferritin," <i>Arch. Biochem. Biophys.</i> 335:197-204, Academic Press, Inc. (1996)	
/D.G./	NPL2	Hentze, M.W., et al., "Cloning, characterization, expression, and chromosomal localization of a human ferritin heavy-chain gene," <i>Proc. Natl. Acad. Sci. USA</i> 83:7226-7230, The National Academy of Sciences (1986)	
/D.G./	NPL3	Klausner, R.D., et al., "Regulating the Fate of mRNA: The Control of Cellular Iron Metabolism," <i>Cell</i> 72:19-28, Cell Press (1993)	
/D.G./	NPL4	Kwak, E.L., et al., "Role for NF- $\kappa$ B in the Regulation of Ferritin H by Tumor Necrosis Factor- $\alpha$ ," <i>J. Biol. Chem.</i> 270:15285-15293, The American Society for Biochemistry and Molecular Biology, Inc. (1995)	
/D.G./	NPL5	Marziliani, G., et al., "Transcriptional Regulation of the Ferritin Heavy-Chain Gene: the Activity of the CCAAT Binding Factor NF-Y Is Modulated in Heme-Treated Friend Leukemia Cells and during Monocyte-to-Macrophage Differentiation," <i>Mol. Cell. Biol.</i> 17:1387-1395, American Society for Microbiology (1997)	
/D.G./	NPL6	NCBI Entrez, GenBank Report, Accession No. AY147930, Prentice, H.L., Entry Date September 2005	
/D.G./	NPL7	NCBI Entrez, GenBank Report, Accession No. M18051, Murray, M.T., et al., Entry Date September 2005	
/D.G./	NPL8	NCBI Entrez, GenBank Report, Accession No. M18052, Murray, M.T., et al., Entry Date September 2005	
/D.G./	NPL9	NCBI Entrez, GenBank Report, Accession No. M18053, Murray, M.T., et al., Entry Date September 2005	
/D.G./	NPL10	Shin, Y.-M., et al., "Enhanced Iron Uptake of <i>Saccharomyces cerevisiae</i> by Heterologous Expression of a Tadpole Ferritin Gene," <i>Appl. Environ. Microbiol.</i> 67:1280-1283, American Society for Microbiology (March 2001)	

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